

PHYSICAL SETTING CHEMISTRY

Thursday, August 13, 2015 — 12:30 to 3:30 p.m., only

ANSWER BOOKLET

Student Sex: Male
 Female
Teacher
School Grade

Record your answers for Part B–2 and Part C in this booklet.

Part B–2

51 _____ kPa

52 _____

53 _____

54 _____

55 _____ g/mol

56

57

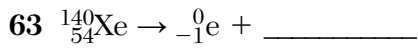
58 _____ °C

59

60

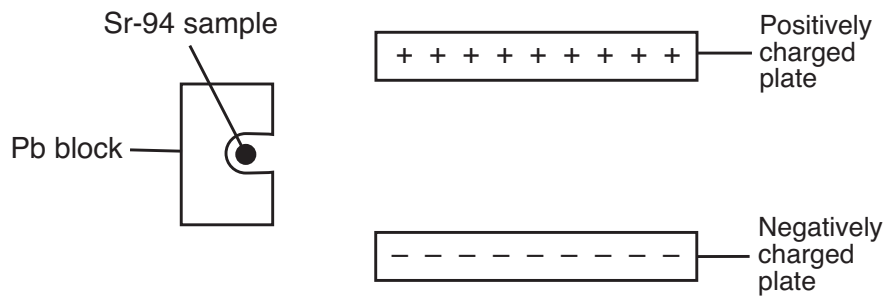
61

62



64 min

65

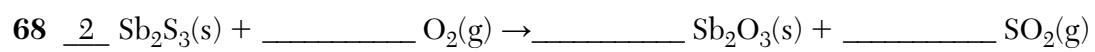


An electric field exists between the two plates.

Part C

66 _____ %

67



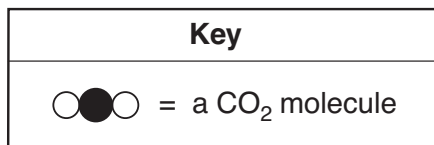
69 _____ and _____

70 _____

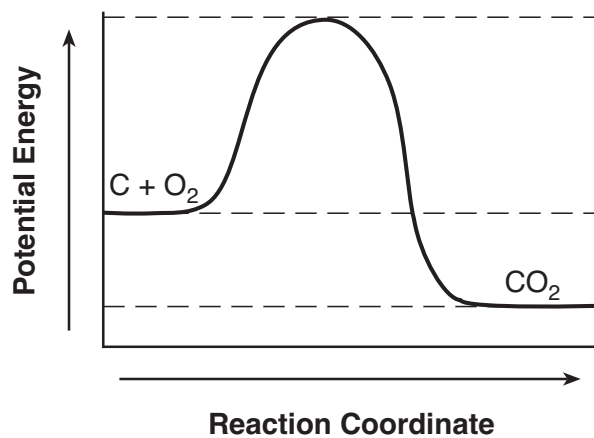
71 _____

72 _____

73



74



75

76

77 _____

78 _____ g

79 _____

80 _____

81 $\text{Mg}(\text{OH})_2(\text{s}) + 2\text{HCl}(\text{aq}) \rightarrow$ _____ $(\text{aq}) + 2\text{H}_2\text{O}(\ell)$

82 Hydrogen ion concentration: _____

pH: _____

83 _____

84 From _____ to _____

85 _____

